277, App 51479, A 111, App

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US-10-424-599-136324 US-10-719-933-7038 US-10-719-933-7036 US-10-719-933-6841 US-10-719-933-51479 US-10-719-933-51479 US-10-719-933-51479 US-10-369-493-33440 US-10-719-933-51518 US-10-719-933-51512 US-10-719-933-51512 US-10-719-933-51512 US-10-719-933-51505 US-10-719-933-51504 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51510 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499 US-10-719-933-51499

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182.4 178.6 159.8

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81.2 80.2

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August 13, 2005, 13:02:05; Search time 1795.22 Seconds (without alignments) 3834.571 Million cell updates/sec
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15 US-10-156-761-1320
18 US-10-156-761-13
20 US-10-156-761-13
17 US-10-369-493-38970
17 US-10-369-493-39970
17 US-10-369-493-37079
17 US-10-369-493-37079
17 US-10-369-493-35026
17 US-10-369-493-3107
17 US-10-369-493-31995
18 US-10-169-493-31995

ALIGNMENTS

Application US/10128558 US20040219521A1

JS-10-128-558-103 Sequence 103, No. Publication No.

> Pred. No. is the number score greater than or equand is derived by analys Query Match Length Score

802.2 782.4 445.6 427.4 376.4

APPLICANT: Tang, Y. Tom  APPLICANT: Wang, Cazhi  APPLICANT: Wang, Gazhi  APPLICANT: Boyle, Bryan J  APPLICANT: Drmanac, Radoje T  TITLE OF INVENTION: Novel Nucleic Acids and  TITLE OF INVENTION: Polypeptides  TITLE OF INVENTION: Polypeptides	; CURRENT APPLICATION NUMBER. 115/10/128, 558 ; CURRENT FILING DATE: 2002-04-22 ; PRIOR APPLICATION NUMBER: 05 60/339, 453	PRIOR APPLICATION NUMBER: US 09/488,725	FRIOR FILING DATE: 2000-04-25  PRIOR PILING DATE: 2000-04-25  PRIOR APPLICATION NUMBER: PCT/HSOA/35A17	PRIOR FILING DATE: 2000-12-22 PRIOR APPLICATION NUMBER: US 09/491,404 PRIOR PILING DATE: 2000-01-25 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2001-01-25 PRIOR FILING DATE: 2000-02-03 PRIOR PILING DATE: 2000-02-03 PRIOR PILING DATE: 2000-02-03
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Seq.103

us-10-511-270-1.rnpb

787 GCAATGGGAAGATGCCCCAGAAACTGCAGCACCGCCTCATTGAGCCAAAAGGCTGGGGTGAC ; NAME/KEY: misc feature ; OTHER INFORMATION: Incyte ID No. US20040063115A1 354561CB1 US-10-433-802-21 APPLICANT: TANG, Y. Ton; GRIFFIN, Jennifer A.;
APPLICANT: TANG, Y. Ton; GRIFFIN, Jennifer A.;
APPLICANT: BAUGHN, Mariah R.; DUGGAM, Brendan M.;
APPLICANT: CHAWLA, Nariah R.; DUGGAM, Brendan M.;
APPLICANT: CHAWLA, Nariah R.; DUGGAM, Bridget A.;
APPLICANT: GANDHI, Ameena R.; LU, Dyung Aina M.;
APPLICANT: GANDHI, Ameena R.; LU, Dyung Aina M.;
APPLICANT: SANJANWALA, Madhusudan M.;
APPLICANT: SANJANWALA, Madhusudan M.;
APPLICANT: SANJANWALA, Madhusudan M.;
APPLICANT: SANJANWALA, Madhusudan M.;
APPLICANT: ARVIZU, Chandra S.; JACKSON, Jennifer L.
TITLE OF INVENTION: BNZYMES
FRICA APPLICATION NUMBER: US 60/251,824
PRIOR FILING DATE: 2000-12-07
PRIOR PELICATION NUMBER: US 60/254,312
PRIOR PLILING DATE: 2000-12-16
PRIOR PELICATION NUMBER: US 60/255,773
PRIOR PLILING DATE: 2000-12-15
PRIOR PLING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: US 60/255,773
PRIOR PLING DATE: 2000-12-15
PRIOR PLING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: US 60/255,940
PRIOR PLING DATE: 2000-12-15
PRIOR PLING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: US 60/255,940
PRIOR PLING DATE: 2000-12-15
PRIOR PLING DATE: 2001-10-19
PRIOR PLING DATE: 2001-10-19
PRIOR PLING DATE: 2001-01-26
NUMBER: PERL PROGRAM
SOFTWARE: PERL PROGRAM
SOFTWARE: PERL PROGRAM
SOFTWARE: PRIOR PRIOR PROGRAM
SOFTWARE: PROGRAM 1027 TCAGCCTCCTGCCTTGCACTTGCAGCCTGAA 1057 1438 rcháccrccraccrrachcachcada 1468 Sequence 21, Application US/10433802 Publication No. US20040063115A1 GENERAL INFORMATION: TYPE: DNA ORGANISM: Homo sapiens US-10-433-802-21 847 ò 셤 ઠે ద g ò ઠે ñ 68 AATGTGGGGGGTCTGGGGGGAGGGGGAAGAAGAGGTGGACATTGCGGGGTATCTA-CCC 126 CCTGTGACCACCCCCTTCACTGCCACTGCAGGTGGACTATGGGGAAAACTGGAGGAGAA 186 187 rerigeacaacrecerrecerrecerrecaagerregregeegerecaarggega 246 657 247 GTTTCCTTTCCTGACCAGCAGCGCCTCGAGGTGAGCTGAGCCGTTGAGCCATTGCGCCAT 306 GCCCAAGAACAGGCTCCTGGCTAGCTGGGGATGGGAAGTCCACTCAAGGCCACAGTGGA 366 838 CTATCGTGGCCGCATGAGCAGTGCGGCCCTCATTCACCACTACACCAAGGTTGCTGATGT 897 CTCTCCAATCCCTGTGGTGGTGTACAGTGTCCCAGCCAACACAGGGGTGGAACGTGGACGTGT 546 547 GGATGCAGTGACGCTTTCCCAGCACCCGAATATTGTGGGGCATGAAGGACAGGGTGG 606 667 eecreaariceecrarcraareeccaecrarecrareecraseeagecerere 726 727 cececrescentricares estrenes de 1886 de ceceres de 1886 de 8 ATGCTGGGTCCCCAAGTCTGGTCTTCTGTGAGGGAGGTAAGCAGGAGCTTGTCCAGG 2; Gaps 367 GATGACCGTCAGCATGGCCCCAGGTCGGGGCCTGACGCGGGCCATGGTGGTGACCCCTTGCTA 427 CTATCGTCGCCGCATGAGGAGGCGCCCTCATTCACCACTACACCAAGGTTGCTGATCT PRIOR FILING DATE: 2000-04-27
PRIOR PILING DATE: 2001-02-05
PRIOR PILING DATE: 2001-02-05
PRIOR PILING DATE: 2001-02-05
PRIOR PILING DATE: 2000-02-28
PRIOR PILING DATE: 2000-02-28
PRIOR PILING DATE: 2000-02-28
NUMBER OF SEQ ID NOS: 412
SOFTWARE: pt\_FL\_genes Version 6.0
LENGTH: 2032 Query Match
96.6%; Score 1025.4; DB 20; Length 2032;
Best Local Similarity 99.7%; Pred. No. 3.8e-294;
Matches 1048; Conservative 0; Mismatches 1; Indels 2; 1; Indels ; NAME/KBY: CDS ; LOCATION: (419)..(1402) US-10-128-558-103 TYPE: DNA ORGANISM: Homo sapiens FRATURE: 127 307 487 ઠે 셤 ò 셤 ò 셤 ò 셤 ठ ò g ò ò 셤 δ g ð

CCGGCCGTTTTGGCATCCCAGGGCTGAAAAATCATGGACTGGTTTTGGCTACTATGGAGG Query Match Best Local Similarity 97.7%; Pred. No. 2e-231; Matches 847; Conservative 0; Mismatches 18; Indels 2;

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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
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                                                                                       CTATCGTGGCCGCATGAGCAGTGCGGCCCTCATTCACCACTACACCAAGGTTGCTGATCT
                                                                                                                                            GGATGCAGTGACGCTTTCCCAGCACCCCGAATATTGTGGGCATGAAGGACAGCGGTGG
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569272 gene; 569272 protein.
Homo sapiens (human)
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This clone was selected for full length sequencing because it passed the following selection criteria: matched mRNA gi: 19923932.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /db_xref="LocusID:112817"
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PRTATARNOVGKLENNLHTLGFPPPRGPVVQGSNGFPPLTSSERLEVVSRVRQAMPK
NRLLLAGSGCGSTQATVTEMTVSMAQVGADAAMVVTPCYTREAMSSAALIHTYTKVADI
SPIPVVLYSVPANTGLLEVDAVVTLSQHPNTVGMCDSGGDVTRIGLIVHKTRKQDPQ
VLAGSAGPLMASYALGANGGVCALANVLGAQVCQLERLCCTGQWEDAQKLGHRLIEPN
AAVTRRFGIPGLKKIMDWFGYYGGPCRAPLQELSPABEEALRMDFTSNGWL"
                                                                   Shiraki
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                      Email: cgapbs-remail.nih.gov
Tissue Procurement: Miklos Palkovits, M.D., Ph.D.
CDNA Library Preparation: Michael J. Brownstein (NHGRI) & Shiral
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Institute for Systems Biology
contact: amadan@systemsbiology.org
contact: amadan@systemsbiology.org
Anup Madan, Jossica Pahey, Erin Helton, Mark Ketteman, Anuradha
Madan, Stephanie Rodrigues, Amy Sanchez and Michelle Whiting
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(db_xref="G1:28278550"
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| Organism="Homo sapiens"
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